

# PRODUCT DATASHEET

## Linear Turn Connect 55cm CCT DIM White

LINEAR TURN CONNECT | Undercabinet luminaire with tilt function

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### Areas of application

- Kitchens, Living areas, Shelf and undercabinet lighting



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### Product benefits

- Easy and quick series connection thanks to simple plug system
- Connection of up to 10 luminaires (35cm version) and 5 luminaires (55cm version) in a row either via enclosed connector for seamless connection or by connector cable for greater distances
- Highly versatile due to selectable CCT
- Homogenous light distribution

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### Product features

- Tilt function (60°) for individual adjustment of the lighting surface
- Color temperature adjustable in three steps by pressing the button
- Stepless dimming by pressing and holding the button more than 1 second
- 2 different lengths available
- Lifetime up to 30,000 h
- Material: Aluminium (Housing), Polycarbonate (Diffusor)



## TECHNICAL DATA

### Electrical data

|   |               |
|---|---------------|
| Nominal wattage   | 10.00 W       |
| Nominal voltage   | 220...240 V   |
| Mains frequency   | 50...60 Hz    |
| Nominal current   | 75.000 mA     |
| Inrush current  | 9.2 A         |
| Inrush current time $T_{h50}$                               | 45 $\mu$ s    |
| Max. number of luminaires per miniature circuit breaker B16 | 81            |
| Max. number of luminaires per miniature circuit breaker C10 | 65            |
| Max. number of luminaires per miniature circuit breaker C16 | 104           |
| Power factor $\lambda$                                      | $\geq 0.5$    |
| Total harmonic distortion                                   | 120 %         |
| Protection class  | II            |
| Operating mode  | Mains voltage |

### Photometrical data

|  |                                    |
|--|------------------------------------|
| Luminous flux                                  | 620 lm                             |
| Total luminous flux of contained light sources | 700 lm                             |
| Luminous efficacy                              | 64 lm/W                            |
| Color temperature                              | 3000...4000...6500 K               |
| Light color (designation)                      | Warm White / Cool White / Daylight |
| Color rendering index Ra                       | > 80                               |
| Standard deviation of color matching           | < 6 sdcm                           |
| Flickering metric (Pst LM)                     | <1                                 |
| Stroboscope effect metric (SVM)                | <0.4                               |
| Photobiological safety group acc. to EN62778   | RG1                                |
| Beam angle                                     | 110 °                              |

### Dimensions & Weight

|                |           |
|----------------|-----------|
| Length         | 557.00 mm |
| Width          | 60.00 mm  |
| Height         | 24.00 mm  |
| Product weight | 480.00 g  |
| Cable length   | 1500 mm   |



LINEAR TURN CONNECT 55CM  
CCT DIM BK line drawing

Materials & Colors

|  |                    |
|--|--------------------|
| Product color                              | White              |
| Housing color                              | White              |
| Body material                              | Aluminum           |
| Cover material                             | Polycarbonate (PC) |
| Glow Wire Test according to IEC 60695-2-12 | 650 °C             |
| Mercury content                            | 0.0 mg             |

Application & Mounting

|                              |                           |
|------------------------------|---------------------------|
| Ambient temperature range    | -20...+40 °C              |
| Temperature range at storage | -20...+80 °C              |
| Type of connection           | Plug type C (EU)          |
| Type of protection           | IP20                      |
| Dimmable                     | Yes                       |
| Type of dimming              | Push DIM                  |
| Mounting type                | Surface                   |
| Mounting location            | Wall / Cabinet undersides |
| Application environment      | Indoor                    |
| Adjustable                   | Yes                       |
| With light source            | Yes                       |
| Replaceable light source     | No                        |

Lifespan

|                            |                       |
|----------------------------|-----------------------|
| Lifespan L70/B50 at 25 °C  | 30000 h <sup>1)</sup> |
| Number of switching cycles | 15000                 |

<sup>1)</sup> t[h]: L70 / B50 @ 25 °C (Ta), t[h]: L80 / B10 @ 25 °C (Ta), t[h]: L90 / B10 @ 25 °C (Ta)

Certificates & Standards

|           |    |
|-----------|----|
| Standards | CE |
|-----------|----|

|  |                 |
|--|-----------------|
| Luminaire with limited surface temperature, "D sign" | No              |
| Replaceable light source (EPREL)                     | Not replaceable |




## EQUIPMENT / ACCESSORIES

- Complete mounting and connecting accessories included

## Safety advice

- To reduce the risk of strangulation the flexible wiring connected to this luminaire shall be effectively fixed to the wall if the wiring is within arm's reach.

## DOWNLOAD DATA

| Documents and certificates   |  | Document name            |
|--|--|--------------------------|
|    | User instruction / safety instructions | Linear Turn Connect      |
|   | Legal information                      | TRACKLIGHT SPOT ZOOM D85 |
|  | Declarations of conformity             | LINEAR TURN AND EDGE     |

## LOGISTICAL DATA

| Product code  | Packaging unit (Pieces/Unit) | Dimensions (length x width x height) | Gross weight | Volume                |
|---------------|------------------------------|--------------------------------------|--------------|-----------------------|
| 4058075842427 | Folding box<br>1             | 42 mm x 72 mm x 603 mm               | 612.00 g     | 1.82 dm <sup>3</sup>  |
| 4058075842434 | Shipping box<br>8            | 618 mm x 160 mm x 195 mm             | 5231.00 g    | 19.28 dm <sup>3</sup> |

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

## DISCLAIMER

Subject to change without notice. Errors and omission excepted. Always make sure to use the most recent release.